

February 7, 2024

In Application of: EMG | Trilith Studios  
500 Sandy Creek Rd | Wh 2002 Ste 106  
Fayetteville, GA 30214

To Operate in the 2200-2305 MHz Telemetry Band to Provide TV Coverage throughout the United States.

ATTN.: Microwave Branch

EMG USA hereby requests Special Temporary Authority (STA) to operate in the 2200-2305MHz Telemetry Band pursuant to Section 21.25 of the Commission's Rules. EMG USA requests that the Commission grant it temporary authority to operate on the frequency range 2200-2305MHz from 03/30/2024 until 06/16/2024 with intermittent usage.

As explained below, EMG USA is filing an STA request for the Live Television Transmission of Fox Sport's and ESPN's coverage of the United Football League(UFL). EMG USA submits that there are extraordinary circumstances warranting a grant of the STA request. Fox Sports and ESPN have contracted EMG USA to provide the necessary microwave for the Live Transmission of this event. Due to the extreme frequency congestion throughout the United States, coupled with the added congestion from traditional television and news coverage of the special event, EMG USA requests the use of channels in the 2200-2305 MHz telemetry band. EMG USA certifies that the operation of the requested channels for the purposes specified herein will not cause interference to any established stations.

EMG requires non-standard frequency band due to both the extensive Part 74 spectrum utilization at the various UFL Stadiums by numerous production and broadcast elements, and the design of the specialized RF equipment to be deployed. These factors necessitate making coordinated temporary use of additional spectrum in 2GHz band for LPAS operations.  
Stop Buzzer: George Howson 240.422.2395

Grant of the instant request for STA in the 2.2MHz Band would serve the public interest by enabling EMG USA to supply the requested remote video coverage for this event. The proposed service would enhance coverage of the event by providing on the spot pictures from mobile locations that would not otherwise be available to the Production Company.

In accordance with Section 74.633 of the Commission's Rules, the following is provided:

Applicants Name: EMG USA

Address: EMG | Trilith Studios  
500 Sandy Creek Rd | Wh 2002 Ste 106  
Fayetteville, GA 30214

Type and Manufacturer of Equipment: Live Tool Fusion

Power Output: 200mw ERP: 200mW Emission: 20M0X7Fand10M0X7F  
Frequencies: 2200-2305MHz

Area of Operation: 2Km around stadiums.  
Coordinates:

Protective Stadium Birmingham, AL	03.30-6.16.2024	N 33 31 38 W 86 48 33
Rice Stadium Houston, TX	03.30-6.16.2024	N 29 42 59 W 95 24 33
Simmons Bank Liberty Stadium Memphis, TN	03.30-6.16.2024	N 35 07 16 W 89 58 39
Ford Field Detroit, MI	03.30-6.16.2024	N 42 20 24 W 83 02 44
Choctaw Stadium Arlington, TX	03.30-6.16.2024	N 32 45 05 W 97 04 58
Audi Field Washington, D.C.	03.30-6.16.2024	N 38 52 06 W 77 00 46
Alamodome San Antonio, TX	03.30-6.16.2024	N 29 25 01 W 98 28 44
The Dome at America's Center St. Louis, MO	03.30-6.16.2024	N 38 37 58 W 90 11 19

Antenna Height: 6' AGL Antenna: 0dB Omni Antenna Gain: 0dBi Dates of Operation: March 30, 2024 until June 16, 2024 (Intermittent Usage during these days)

EMG USA requests an STA to operate on the above-referenced frequency for a period not to exceed three months. No application for regular authorization will subsequently be filed. EMG USA certifies that no party to the application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C §853(a).

Should you have any questions regarding this matter, please contact, Stephen Tobias, by telephone (410) 564-9291

Submitted By: Stephen Tobias